

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061853.D
 Acq On : 5 Mar 2019 19:00
 Operator : VA/AP
 Sample : K1707-01
 Misc : 5.15g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S10

Quant Time: Mar 06 06:21:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	218767	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	302565	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	145627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	31236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	65315	41.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.00%	
35) Dibromofluoromethane	4.12	113	103129	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	7.56	98	192762	30.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.42%	
62) 4-Bromofluorobenzene	11.41	95	35057	14.26	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	28.52%	

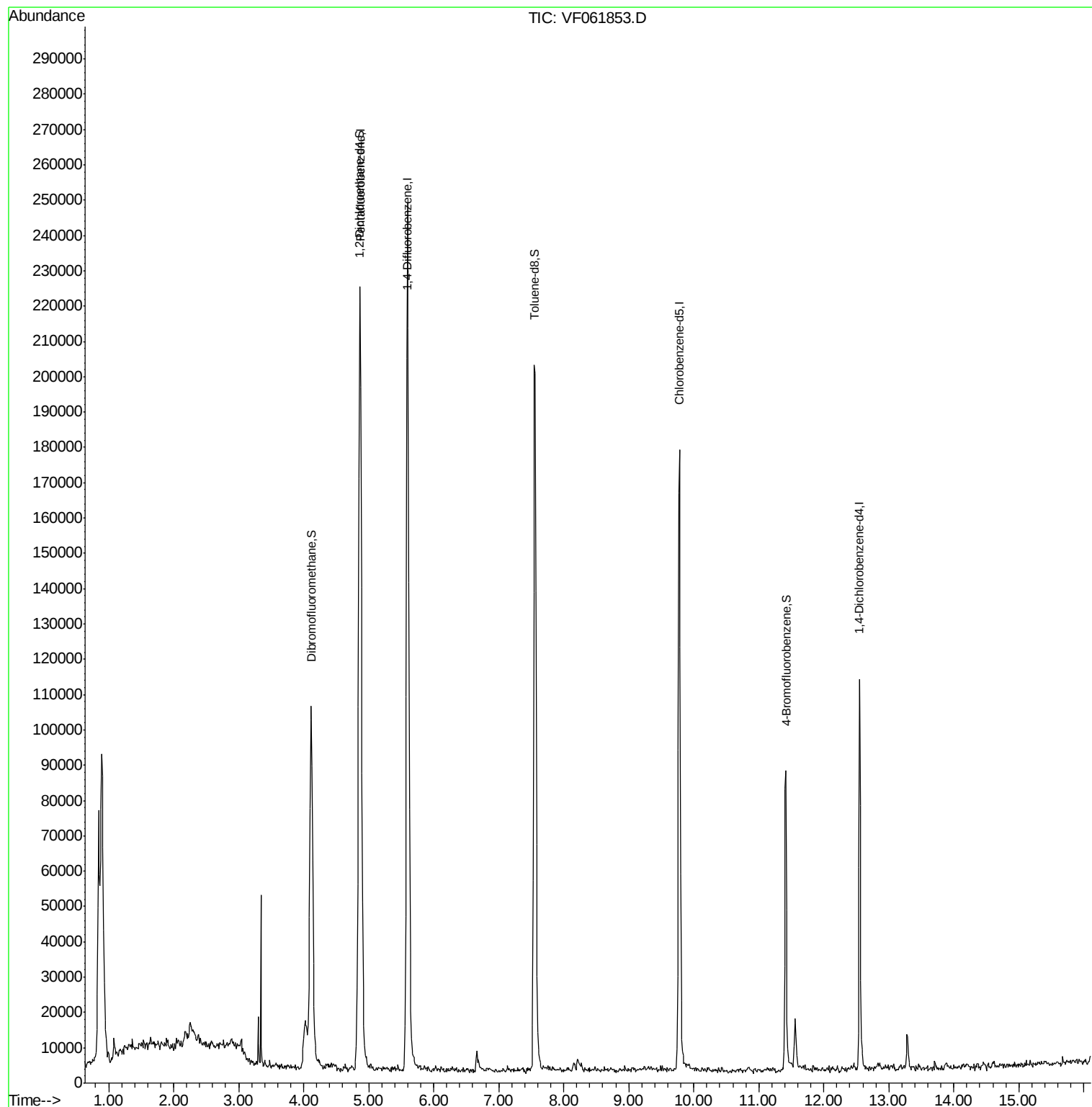
Target Compounds	Qvalue

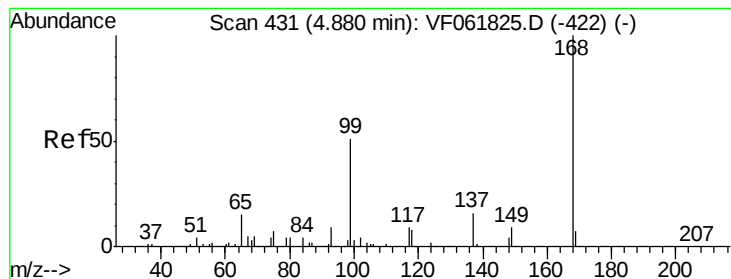
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061853.D

Acq: 5 Mar 2019 19:00

Instrument :

MSVOA_F

ClientSampled :

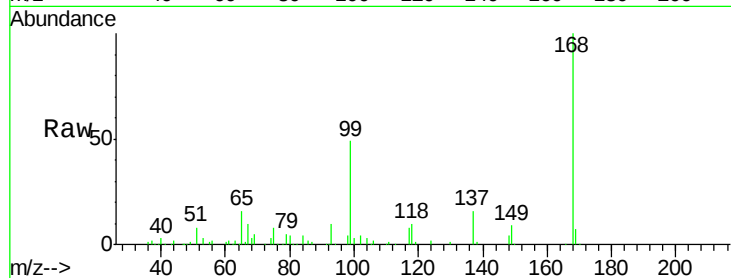
S10

Tot Ion:168 Resp: 218767

Ion Ratio Lower Upper

168 100

99 48.9 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

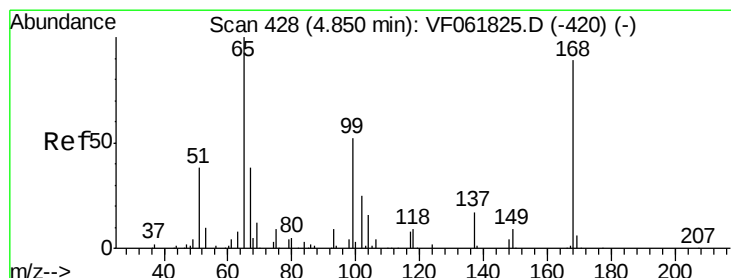
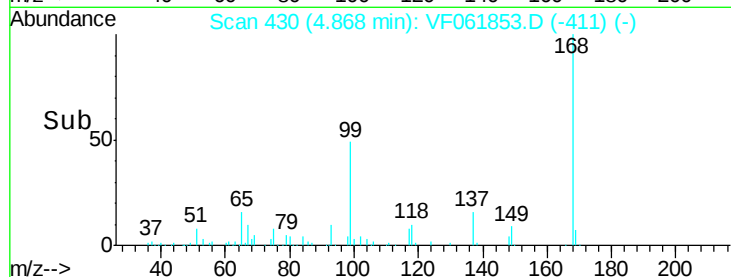
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 40.997 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF061853.D

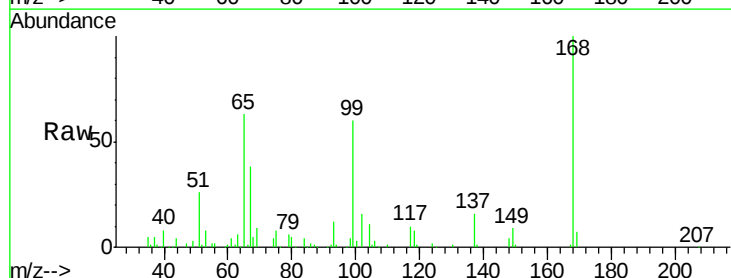
Acq: 5 Mar 2019 19:00

Tgt Ion: 65 Resp: 65315

Ion Ratio Lower Upper

65 100

67 59.9 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

25000

20000

15000

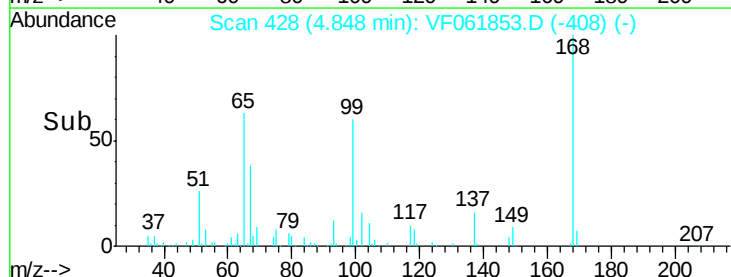
10000

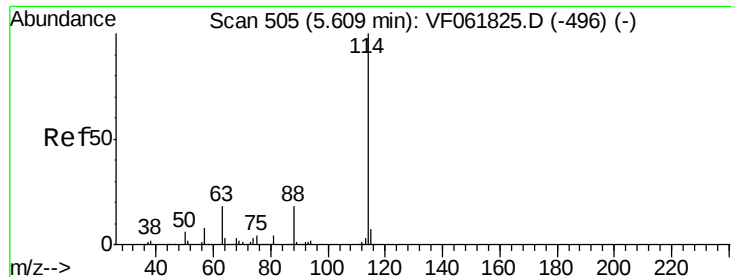
5000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061853.D

Acq: 5 Mar 2019 19:00

Instrument :

MSVOA_F

ClientSampled :

S10

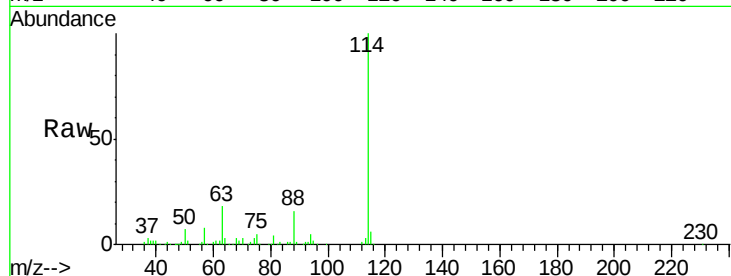
Tot Ion:114 Resp: 302565

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

88 15.6 0.0 35.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

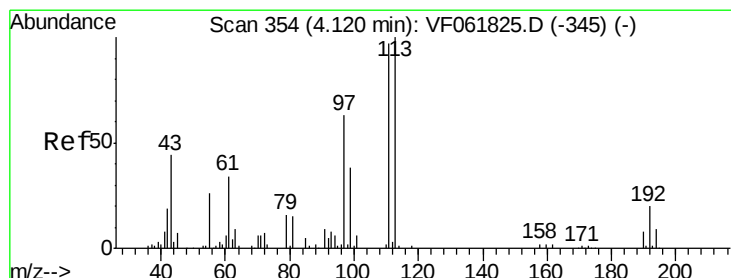
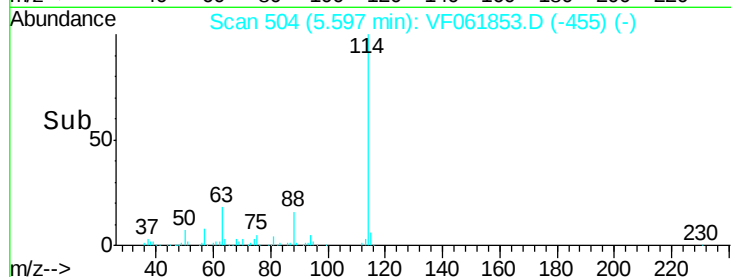
5.60

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 48.841 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.00 min

Lab File: VF061853.D

Acq: 5 Mar 2019 19:00

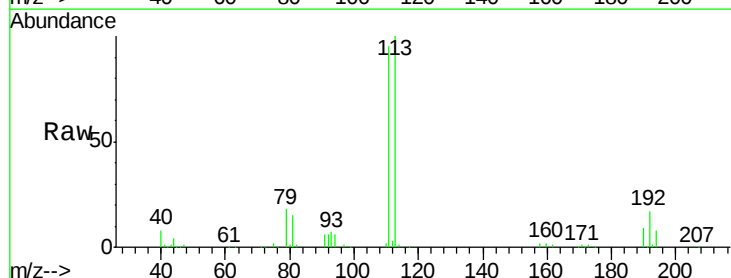
Tgt Ion:113 Resp: 103129

Ion Ratio Lower Upper

113 100

111 95.3 77.6 116.4

192 17.9 15.9 23.9



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

4.12

40000

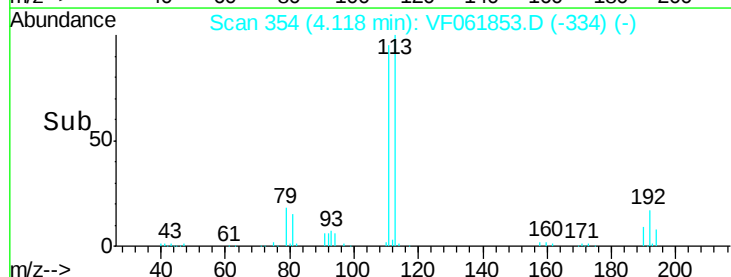
30000

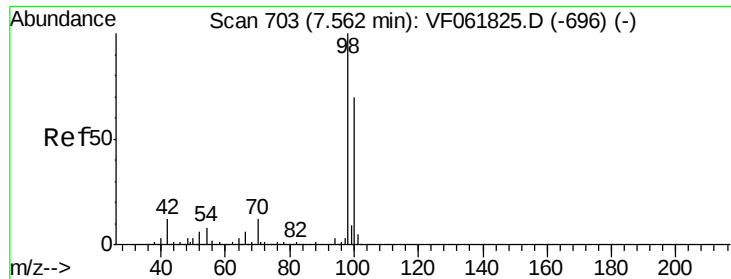
20000

10000

0

Time-->





#50

Toluene-d8

Concen: 30.714 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF061853.D

Acq: 5 Mar 2019 19:00

Instrument :

MSVOA_F

ClientSampleId :

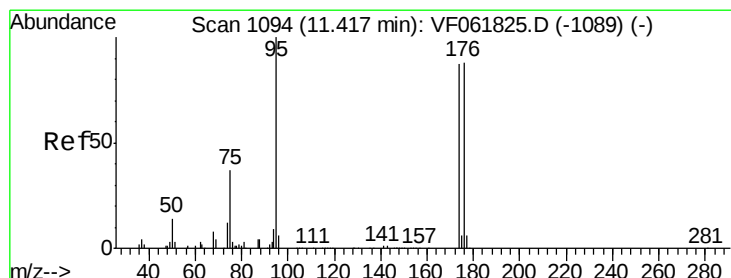
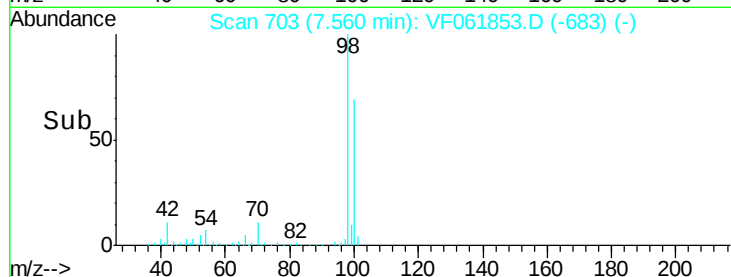
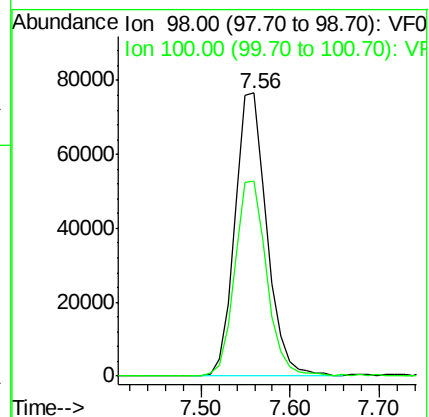
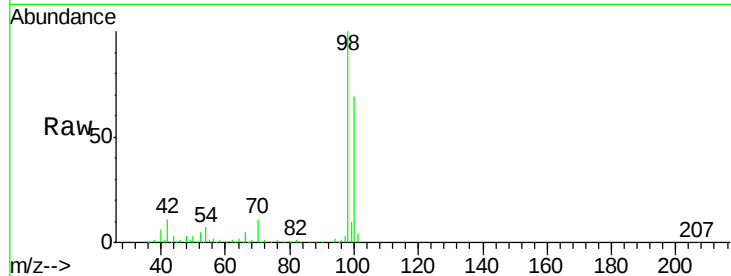
S10

Tot Ion: 98 Resp: 192762

Ion Ratio Lower Upper

98 100

100 69.0 56.0 84.0



#62

4-Bromofluorobenzene

Concen: 14.260 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061853.D

Acq: 5 Mar 2019 19:00

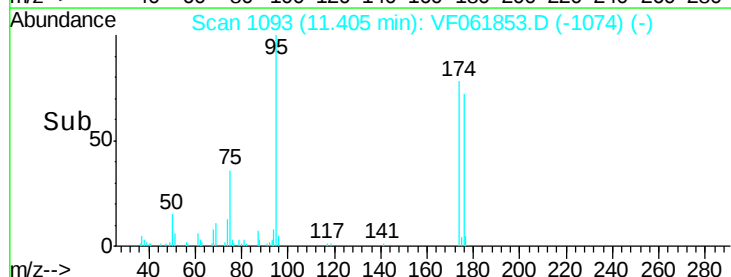
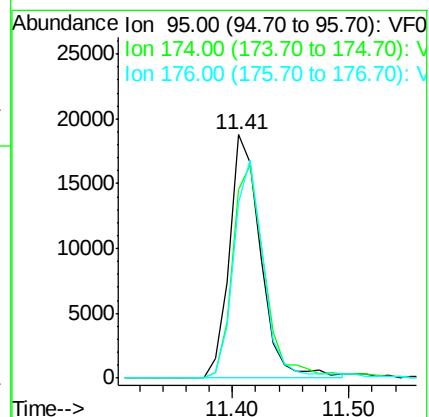
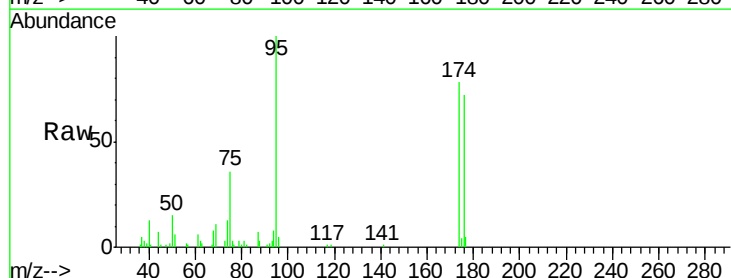
Tgt Ion: 95 Resp: 35057

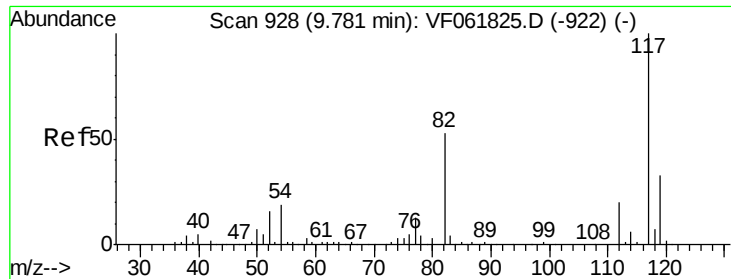
Ion Ratio Lower Upper

95 100

174 77.5 0.0 174.0

176 72.1 0.0 175.2

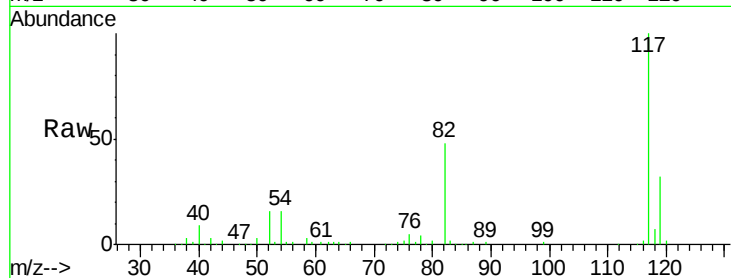




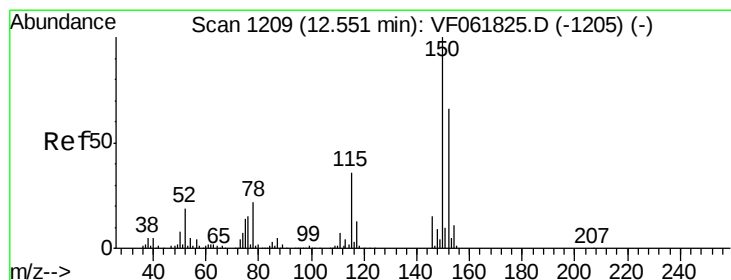
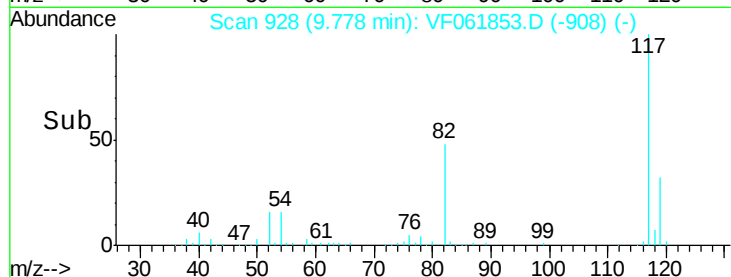
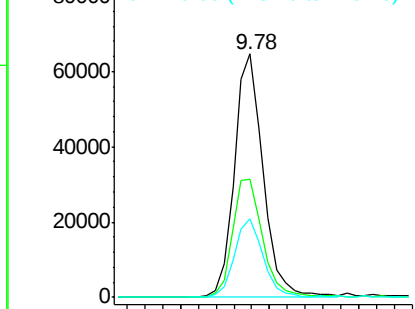
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Instrument :
MSVOA_F
ClientSampleId :
S10

Tot Ion:117 Resp: 145627
Ion Ratio Lower Upper
117 100
82 48.5 42.6 63.8
119 32.0 26.0 39.0

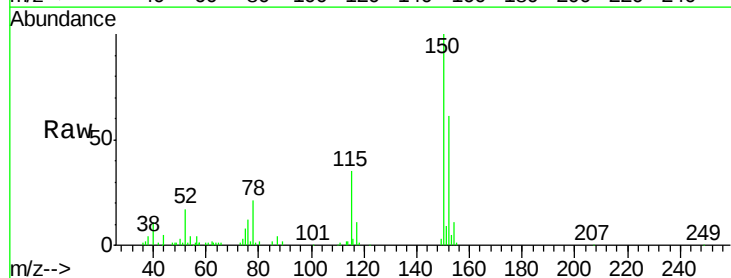


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Tgt Ion:152 Resp: 31236
Ion Ratio Lower Upper
152 100
115 56.2 27.7 83.1
150 162.6 0.0 304.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

